

ABSTRACT OF THE DISCLOSURE

A vertical takeoff and landing apparatus is excellent in the maneuverability and postural stability of its airframe, serves to protect a pilot from an impact when landing, and can make extremely stable flight when hovering near a building. An airframe has a propulsion device for generating propulsive force in a vertically upward direction, and a side wall surface surrounding the propulsion device. An air intake port has a plurality of divided air intake port sections formed on the side wall surface of the airframe. A duct part connects the air intake port sections and the propulsion device with one another. A shutter part is provided at each air intake port section for adjusting an amount of air flowing therein. A control unit adjusts the degree of opening of each shutter part in accordance with an operation of a control stick, so that the airframe can be moved in an arbitrary direction.